

# Active Recombinant Human CD19 Protein, His-Avi-tagged, Biotinylated

**Cat. No.** CD19-559H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD19 Protein(P15391-1)(Pro 20 - Lys 291) is expressed from HEK293 with His tag and Avi tag at the C-terminal.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Pro 20 - Lys 291
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Monoclonal Anti-Human CD19 Antibody, Mouse IgG2a at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD19 (20-291), His,Avitag with a linear range of 1-31 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 33.7 kDa. The protein migrates as 50-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	This product is stable after storage at:

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 45-1 Ramsey Road, Shirley, NY 11967, USA

-20°C to -70°C for 12 months in lyophilized state;  
-70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** CD19 CD19 molecule [ Homo sapiens ]

**Official Symbol** CD19

**Synonyms** CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802

**Gene ID** 930

**mRNA Refseq** NM\_001178098

**Protein Refseq** NP\_001171569

**MIM** 107265

**UniProt ID** P15391

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